

## HIST2H2AA4 Rabbit pAb

CatalogNo: YN7096

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 14kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

#### Storage\*

-15°C to -25°C/1 year(Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### Immunogen

Synthesized peptide derived from human HIST2H2AA4

#### Specificity

This antibody detects endogenous levels of HIST2H2AA4 at Human, Mouse, Rat

### Target Information

#### Gene name

HIST2H2AA3 H2AFO HIST2H2AA; HIST2H2AA4

<b>Protein Name</b>	Histone H2A type 2-A (Histone H2A.2) (Histone H2A/o)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">723790</a> ;	<a href="#">Q6FI13</a> ;
	Mouse	<a href="#">15267</a> ;	<a href="#">Q6GSS7</a> ;
	Rat	<a href="#">365877</a> ;	<a href="#">P0CC09</a> ;
<b>Cellular Localization</b>	Nucleus. Chromosome.		
<b>Function</b>	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.		

| Validation Data

| Contact information

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